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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/647,666

08/25/2003

James R. Meier

F12.12-0133

2145

27367 7590 07/02/2007  
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EXAMINER

EVANISKO, LESLIE J

ART UNIT

PAPER NUMBER

2854

MAIL DATE

DELIVERY MODE

07/02/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No. 10/647,666	Applicant(s) MEIER ET AL.	
	Examiner Leslie J. Evanisko	Art Unit 2854	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 March 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 272-315 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 272-315 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

Upon further consideration by the Examiner, the restriction requirement dated January 29, 2007 has been withdrawn in lieu of the restriction requirement set forth below:

#### **Election/Restrictions**

1. Restriction to one of the following inventions is required under 35 U.S.C.

121:

- I. Claims 272-290, drawn to an ID card printer with a ribbon cartridge, classified in class 400, subclass 208.
- II. Claims 291-292, drawn to an ID card printer with a memory containing upgradeable firmware, classified in class 400, subclass 62.
- III. Claims 293-298, drawn to an ID card printer with a printhead movable between three positions, classified in class 400, subclass 120.16.
- IV. Claims 299-310, drawn to an ID card printer with a ribbon cartridge having a supply circuit and encrypted supply information, classified in class 400, subclass 208.
- V. Claims 311-315, drawn to an ID card printer with a ribbon cartridge having a supply circuit and supply information that is adjustable

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based on use of the print ribbon, classified in class 400, subclass 208.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions I (or IV or V) and II are directed to related combinations of an ID card printer requiring a recited subcombination of a supply of print ribbon common to each of the combinations. The claimed combination inventions are distinct from each other if the non-overlapping element(s) of the combinations allow at least one of the combinations to be separately usable. In the instant case, Invention I (or IV or V) has separate utility from Invention II because Invention I (or IV or V) may be used in/as an ID card printer that does not possess non-overlapping elements such as the memory containing firmware, controller, and loader program of Invention II. Similarly, note Inventions II has separate utility from Invention I (or IV or V) because Inventions II may be used in/as an ID card printer that does not possess the non-overlapping element of a ribbon cartridge including a cleaner roller and/or supply circuit of Invention I, a supply circuit with encrypted supply information of Invention IV, or a supply circuit with supply information that is adjustable based on the use of the print ribbon of Invention V. See MPEP § 806.05(c)III.

3. Inventions II and III are directed to related combinations of an ID card printer requiring a recited subcombination of a supply of print ribbon common to each of the combinations. The claimed combination inventions are distinct from each other if the non-overlapping element(s) of the combinations allow at least

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one of the combinations to be separately usable. In the instant case, Invention II has separate utility from Invention III because Invention II may be used in/as an ID card printer that does not possess non-overlapping elements such as a printhead movable between three positions of Invention III. Similarly, note Invention III has separate utility from Invention II because Invention III may be used in/as an ID card printer that does not possess the non-overlapping element of the memory containing firmware, controller, and loader program of Invention II. See MPEP § 806.05(c)III.

4. Inventions I (or IV or V) and III are directed to related combinations of an ID card printer requiring a recited subcombination of a supply of print ribbon common to each of the combinations. The claimed combination inventions are distinct from each other if the non-overlapping element(s) of the combinations allow at least one of the combinations to be separately usable. In the instant case, Invention I (or IV or V) has separate utility from Invention III because Invention I (or IV or V) may be used in/as an ID card printer that does not possess non-overlapping elements such as a printhead movable between three positions of Invention III. Similarly, note Invention III has separate utility from Invention I (or IV or V) because Invention III may be used in/as an ID card printer that does not possess the non-overlapping element of a ribbon cartridge including a cleaner roller and/or supply circuit of Invention I, a supply circuit with encrypted supply information of Invention IV, or a supply circuit with supply information that is

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adjustable based on the use of the print ribbon of Invention V. See MPEP § 806.05(c)III.

5. Inventions IV and V are directed to related combinations of an ID card printer requiring a recited subcombination of a ribbon cartridge including a supply circuit common to each of the combinations. The claimed combination inventions are distinct from each other if the non-overlapping element(s) of the combinations allow at least one of the combinations to be separately usable. In the instant case, Invention IV has separate utility from Invention V because Invention IV may be used in/as an ID card printer that does not possess non-overlapping elements such as the supply circuit having adjustable information based on the use of the print ribbon. Similarly, note Invention V has separate utility from Invention IV because Invention V may be used in/as an ID card printer that does not possess the non-overlapping element of the memory including encrypted supply information as set forth in Invention IV. See MPEP § 806.05(c)III.

6. Because these inventions are independent or distinct for the reasons given above and there would be a serious burden on the examiner if restriction is not required because the inventions have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

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7. Because these inventions are independent or distinct for the reasons given above and there would be a serious burden on the examiner if restriction is not required because the inventions require a different field of search (see MPEP § 808.02), restriction for examination purposes as indicated is proper.

8. Because these inventions are independent or distinct for the reasons given above and there would be a serious burden on the examiner if restriction is not required because the inventions have acquired a separate status in the art due to their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

9. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants

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or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

10. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

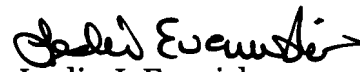
11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Leslie J. Evanisko** whose telephone number is **(571) 272-2161**. The examiner can normally be reached on T-F 8:00 am-6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Leslie J. Evanisko  
Primary Examiner  
Art Unit 2854

lje  
July 2, 2007